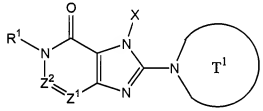
Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

Claims 1-4 (Canceled)

5. (Previously Presented) A pharmaceutical agent comprising a dipeptidyl peptidase IV inhibitor and a biguanide agent in combination, wherein the dipeptidyl peptidase IV inhibitor is a compound represented by the following formula, or a salt or hydrate thereof,



(I)

(wherein,

T^1 represents a monocyclic or bicyclic 4- to 12-membered heterocyclic group containing one or two nitrogen atoms in the ring, that may have one or more substituents;

X represents a C_{1-6} alkyl group which may have one or more substituents, a C_{2-6} alkenyl group which may have one or more substituents, a C_{2-6} alkynyl group which may have one or more substituents, a C_{6-10} aryl group which may have one or more substituents, a 5 to 10-membered heteroaryl group which may have one or more substituents, a C_{6-10} aryl C_{1-6} alkyl group which may have one or more substituents, or a 5 to 10-membered heteroaryl C_{1-6} alkyl group which may have one or more substituents;

Z^1 and Z^2 each independently represent a nitrogen atom or a group represented by the formula $-CR^2=$;

R^1 and R^2 each independently represent a group according to the formula $-A^0-A^1-A^2$ (wherein

A^0 represents a single bond or a C_{1-6} alkylene group, which may have 1 to 3 substituents selected from group B consisting of the substituents described below;

A^1 represents a single bond, an oxygen atom, a sulfur atom, a sulfinyl group, a sulfonyl group, a carbonyl group, a group represented by the formula -O-CO-, a group represented by the formula -CO-O-, a group represented by the formula $-NR^A-$, a group represented by the formula $-CO-NR^A-$, a group represented by the formula $-NR^A-CO-$, a group represented by the formula $-SO_2-NR^A-$, or a group represented by the formula $-NR^A-SO_2-$;

A^2 and R^A each independently represent a hydrogen atom, a halogen atom, a cyano group, a C_{1-6} alkyl group, a C_{3-8} cycloalkyl group, a C_{2-6} alkenyl group, a C_{2-6} alkynyl group, C_{6-10} aryl group, a 5 to 10-membered heteroaryl group, a 4 to 8-membered heterocyclic group, a 5 to 10-membered heteroaryl C_{1-6} alkyl group, a C_{6-10} aryl C_{1-6} alkyl group, or a C_{2-7} alkylcarbonyl group;

however, A^2 and R^A each independently may have 1 to 3 substituents selected from the substituent group B described below:

when Z^2 is a group represented by the formula $-CR^2=$, R^1, and R^2 may in combination form a 5 to 7-membered ring;

except in cases where: [1] R^1 is a hydrogen atom; Z^1 is a nitrogen atom; and Z^2 is –CH=; and [2] Z^1 is a nitrogen atom; and Z^2 is -C(OH)=;

<Substituent group B>

Substituent group B represents the group consisting of: a hydroxyl group, a mercapto group, a cyano group, a nitro group, a halogen atom, a trifluoromethyl group, a C_{1-6} alkyl group which may have one or more substituents, a C_{3-8} cycloalkyl group, a C_{2-6} alkenyl group, a C_{2-6} alkynyl group, a C_{6-10} aryl group, a 5 to 10-membered heteroaryl group, a 4 to 8-membered heterocyclic group, a C_{1-6} alkoxy group, a C_{1-6} alkylthio group, a group represented by the formula $-SO_2-NR^{B1}-R^{B2}$, a group represented by the formula $-NR^{B1}-CO-R^{B2}$, a group

represented by the formula $-NR^{B1}-R^{B2}$ (where R^{B1} and R^{B2} each independently represent a hydrogen atom or a C_{1-6} alkyl group), a group represented by the formula $-CO-R^{B3}$ (where R^{B3} represents a 4 to 8-membered heterocyclic group), a group represented by the formula $-CO-R^{B4}-R^{B5}$ and a group represented by the formula $-CH_2-CO-R^{B4}-R^{B5}$ (where R^{B4} represents a single bond, an oxygen atom, or a group represented by the formula $-NR^{B6}-$; R^{B5} and R^{B6} each independently represent a hydrogen atom, a C_{1-6} alkyl group, a C_{3-8} cycloalkyl group, a C_{2-6} alkenyl group, a C_{2-6} alkynyl group, a C_{6-10} aryl group, a 5 to 10-membered heteroaryl group, a 4 to 8-membered heterocyclic C_{1-6} alkyl group, a C_{6-10} aryl C_{16} alkyl group, or a 5 to 10-membered heteroaryl C_{1-6} alkyl group)).

6. (Original) The pharmaceutical agent according to claim 5, wherein T^1 is a piperazin-1-yl group or a 3-amino-piperidin-1-yl group.

7. (Original) The pharmaceutical agent according to claim 5, wherein T^1 is a piperazin-1-yl group.

8. (Previously Presented) The pharmaceutical agent according to claim 5, wherein X is a 3-methyl-2-buten-1-yl group, a 2-butynyl group, a benzyl group, or a 2-chlorophenyl group.

9. (Previously Presented) The pharmaceutical agent according to claim 5, wherein X is a 2-butynyl group.

10. (Previously Presented) The pharmaceutical agent according to claim 5, wherein,

Z^1 is a nitrogen atom; and

Z^2 is a group represented by the formula $-CR^2=$.

11. (Previously Presented) The pharmaceutical agent according to claim 5, wherein,

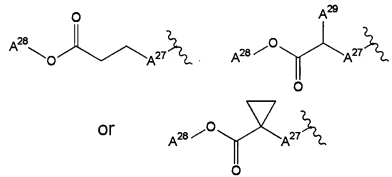
Z^2 is a nitrogen atom; and

Z^1 is a group represented by the formula $-CR^2=$.

12. (Previously Presented) The pharmaceutical agent according to claim 5, wherein R^1 is either a methyl group, a cyanobenzyl group, a fluorocyanobenzyl group, a phenethyl group, a 2-methoxyethyl group, or a 4-methoxycarbonylpridin-2-yl group.

13. (Previously Presented) The pharmaceutical agent according to claim 5, wherein R^1 is a methyl group, or a 2-cyanobenzyl group.

14. (Previously Presented) The pharmaceutical agent according to claim 5, wherein R^2 is either a hydrogen atom, a cyano group, a methoxy group, a carbamoylphenyloxy group, or a group represented by the formula:



(where,

A^{27} represents an oxygen atom, a sulfur atom, or -NH-;

A^{28} and A^{29} each independently represent a hydrogen atom or a $C_{1\text{-}6}$ alkyl group).

15. (Previously Presented) The pharmaceutical agent according to claim 5, wherein R^2 is a hydrogen atom, a cyano group, or a 2-carbamoylphenyloxy group.

16. (Original) The pharmaceutical agent according to claim 5, wherein the compound represented by formula (I) is any one compound selected from:

(1) 7-(2-butynyl)-2-cyano-1-methyl-8-(piperazin-1-yl)-1,7-dihydropurin-6-one;

(2) 3-(2-butynyl)-5-methyl-2-(piperazin-1-yl)-3,5-dihydroimidazo[4,5-d]pyridazin-4-one;

(3) 2-(3-aminopiperidin-1-yl)-3-(2-butynyl)-5-methyl-3,5-dihydroimidazo[4,5-d]pyridazin-4-one;

(4) 2-[7-(2-butynyl)-1-methyl-6-oxo-8-(piperazin-1-yl)-6,7-dihydro-1H-purin-2-yloxy] benzamide;

(5) 7-(2-butynyl)-1-(2-cyanobenzyl)-6-oxo-8-(piperazin-1-yl)-6,7-dihydro-1H-purine-2-carbonitrile; and

(6) 2-[3-(2-butynyl)-4-oxo-2-(piperazin-1-yl)-3,4-dihydroimidazo[4,5-d] pyridazin-5-ylmethyl] benzonitrile;

or a salt or hydrate thereof.

Claims 17-23 (Canceled)

24. (Previously Presented) The pharmaceutical agent according to claim 5, wherein the biguanide agent is metformin.

25. (Previously Presented) The pharmaceutical agent according to claim 5, which is a preventive or therapeutic agent for a disease which is associated with active circulating GLP-1 and/or active circulating GLP-2.

26. (Original) The pharmaceutical agent according to claim 25, wherein the disease is at least any one selected from the group consisting of: diabetes, obesity, hyperlipidemia, and gastrointestinal diseases.

Claims 27-28 (Canceled)

29. (Withdrawn) A method for preventing or treating a disease which is associated with active circulating GLP-1 and/or active circulating GLP-2, which comprises administering the pharmaceutical agent according to claim 5 at an effective amount.

Claims 30-32 (Canceled)

33. (Withdrawn) A method for enhancing the effects of active circulating GLP-1 and/or active circulating GLP-2, which comprises using the pharmaceutical agent according to claim 5.

Claim 34 (Canceled)